

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001467

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61M 1/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                             | Relevant to claim No. |
|-----------|--|-----------------------|
| X         | US 6558343 B1 (NEFTEL), 6 May 2003 (06.05.2003),<br>column 2, line 15 - line 67<br>--                          | 1-38                  |
| A         | EP 0498382 A1 (PEABODY, ALAN M), 12 August 1992<br>(12.08.1992), abstract<br>--                                | 1-38                  |
| A         | WO 9527520 A2 (BAXTER INTERNATIONAL, INC),<br>19 October 1995 (19.10.1995), page 11,<br>line 2 - line 19<br>-- | 1,18,19,38            |
| A         | US 5141493 A (JACOBSEN ET AL), 25 August 1992<br>(25.08.1992), column 5, line 14 - line 26<br>--               | 1,18,19,38            |

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

|   |  |
|---|--|
| * Special categories of cited documents   | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  |
| "A" document defining the general state of the art which is not considered to be of particular relevance  | "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone   |
| "E" earlier application or patent but published on or after the international filing date   | "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "&" document member of the same patent family  |
| "O" document referring to an oral disclosure, use, exhibition or other means  |  |
| "P" document published prior to the international filing date but later than the priority date claimed  |  |

Date of the actual completion of the international search

13 January 2005

Date of mailing of the international search report

14-01-2005

Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. +46 8 666 02 86

Authorized officer

Kristoffer Ogebjer/EK  
Telephone No. +46 8 782 25 00

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001467

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                   | Relevant to claim No. |
|-----------|--|-----------------------|
| A         | US 5722947 A (JEPPSSON ET AL), 3 March 1988<br>(03.03.1988), column 9, line 30 - line 39<br>--       | 1,18,19,38            |
| A         | US 6293921 A (SHINMOTO ET AL), 25 Sept 2001<br>(25.09.2001), column 3, line 55 - line 65<br>--       | 1,18,19,38            |
| A         | US 3730183 A (GOLDSMITH ET AL), 1 May 1973<br>(01.05.1973), column 2, line 4 - line 9<br>--<br>----- | 1,18,19,38            |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

27/11/2004

International application No.

PCT/SE 2004/001467

|       |         |    |            |      |            |     |            |
|-------|---------|----|------------|------|------------|-----|------------|
| US    | 6558343 | B1 | 06/05/2003 | AU   | 2950399    | A   | 25/10/1999 |
|       |         |    |            | EP   | 1066068    | A   | 10/01/2001 |
|       |         |    |            | JP   | 2002510533 | T   | 09/04/2002 |
|       |         |    |            | WO   | 9951287    | A   | 14/10/1999 |
| <hr/> |         |    |            |      |            |     |            |
| EP    | 0498382 | A1 | 12/08/1992 | SE   | 0498382    | T3  |            |
|       |         |    |            | AT   | 145142     | T   | 15/11/1996 |
|       |         |    |            | DE   | 69215123   | D,T | 05/06/1997 |
|       |         |    |            | JP   | 5076595    | A   | 30/03/1993 |
|       |         |    |            | US   | 5643201    | A   | 01/07/1997 |
| <hr/> |         |    |            |      |            |     |            |
| WO    | 9527520 | A2 | 19/10/1995 | AT   | 206061     | T   | 15/10/2001 |
|       |         |    |            | AU   | 695256     | B   | 13/08/1998 |
|       |         |    |            | AU   | 718626     | B   | 20/04/2000 |
|       |         |    |            | AU   | 2129795    | A   | 30/10/1995 |
|       |         |    |            | AU   | 8186098    | A   | 05/11/1998 |
|       |         |    |            | CA   | 2163968    | A   | 19/10/1995 |
|       |         |    |            | DE   | 69522878   | D,T | 25/04/2002 |
|       |         |    |            | EP   | 0702574    | A,B | 27/03/1996 |
|       |         |    |            | SE   | 0702574    | T3  |            |
|       |         |    |            | JP   | 8512230    | T   | 24/12/1996 |
|       |         |    |            | US   | 6074359    | A   | 13/06/2000 |
| <hr/> |         |    |            |      |            |     |            |
| US    | 5141493 | A  | 25/08/1992 | NONE |            |     |            |
| <hr/> |         |    |            |      |            |     |            |

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

27/11/2004

International application No.  
PCT/SE 2004/001467

|    |         |   |            |    |          |     |            |
|----|---------|---|------------|----|----------|-----|------------|
| US | 5722947 | A | 03/03/1988 | AT | 238079   | T   | 15/05/2003 |
|    |         |   |            | AU | 675846   | B   | 20/02/1997 |
|    |         |   |            | AU | 687994   | B   | 05/03/1998 |
|    |         |   |            | AU | 1721995  | A   | 21/08/1995 |
|    |         |   |            | AU | 6693394  | A   | 21/11/1994 |
|    |         |   |            | BR | 9406515  | A   | 09/01/1996 |
|    |         |   |            | BR | 9506702  | A   | 16/09/1997 |
|    |         |   |            | CA | 2182628  | A   | 10/08/1995 |
|    |         |   |            | CN | 1081468  | B   | 27/03/2002 |
|    |         |   |            | CN | 1141006  | A   | 22/01/1997 |
|    |         |   |            | CZ | 285492   | B   | 11/08/1999 |
|    |         |   |            | CZ | 9602225  | A   | 13/11/1996 |
|    |         |   |            | DE | 69425738 | D   | 00/00/0000 |
|    |         |   |            | DE | 69530482 | D,T | 30/10/2003 |
|    |         |   |            | EP | 0696399  | A,B | 14/02/1996 |
|    |         |   |            | EP | 0749328  | A,B | 27/12/1996 |
|    |         |   |            | SE | 0749328  | T3  |            |
|    |         |   |            | ES | 2197915  | T   | 16/01/2004 |
|    |         |   |            | FI | 955139   | A   | 27/10/1995 |
|    |         |   |            | FI | 963053   | A   | 01/08/1996 |
|    |         |   |            | HU | 76026    | A   | 30/06/1997 |
|    |         |   |            | HU | 218752   | B   | 28/11/2000 |
|    |         |   |            | HU | 9602150  | D   | 00/00/0000 |
|    |         |   |            | JP | 8509585  | T   | 08/10/1996 |
|    |         |   |            | JP | 9508302  | T   | 26/08/1997 |
|    |         |   |            | NO | 312058   | B   | 11/03/2002 |
|    |         |   |            | NO | 954231   | A   | 19/12/1995 |
|    |         |   |            | NO | 963195   | A   | 27/09/1996 |
|    |         |   |            | PL | 179508   | B   | 29/09/2000 |
|    |         |   |            | PL | 315551   | A   | 12/11/1996 |
|    |         |   |            | RU | 2166964  | C   | 20/05/2001 |
|    |         |   |            | SE | 502020   | C   | 17/07/1995 |
|    |         |   |            | SE | 9400347  | A   | 17/07/1995 |
|    |         |   |            | SK | 101996   | A   | 05/03/1997 |
|    |         |   |            | SK | 282461   | B   | 05/02/2002 |
|    |         |   |            | WO | 9520985  | A   | 10/08/1995 |
|    |         |   |            | SE | 9500086  | A   | 13/07/1996 |
| US | 6293921 | A | 25/09/2001 | EP | 0925797  | A   | 30/06/1999 |
| US | 3730183 | A | 01/05/1973 | GB | 1280521  | A   | 05/07/1972 |